"No More Woof" Translates Dog Barks To Human Speech

Have you ever heard your dog barking and wondered what in the world he/she was saying? Maybe it's because I've seen too many Disney movies in my life, but I've always imagined that dogs have their own language and talk to each other the same way humans talk (or don't) to each other. Thank you, 101 Dalmations, thank you. Who knows? The bark you're hearing now may be your dog telling you it's time to eat, or he/she could be communicating in code to other furry friends that it's time to get a new owner. We may never know. Or, we "may, if this interesting gadget comes to fruition.No More Woof is a tool that is being created that will allow your dog's bark to be analyzed and then translated, allowing you to know exactly what your dog is (or isn't) saying to you.No More Woof Translates Dog Barks To Human Speech

Yes, that dog is wearing a headset in the above picture. No, dogs don't normally don headsets. That could all be changing, though, if No More Woof gets off of the ground. The headset would equip EEG readers that would connect to a Raspberry Pi computer and speaker that would ultimately result in the dog's thoughts being translated into speech that says something like, "I'm curious", and "I'm tired." Other more expensive models would translate other barks/thoughts as well, maybe even the ever popular "I'm hungry.

"No More Woof is currently in its crowdfunding stage with Indiegogo right now. They have raised $14,662 out of their original goal of $10,000. While that is a great start, the folks at No More Woof state that they are much more interested in raising support for their product than gaining money right now. They also state that it will probably be a few years before they have everything perfected. (If it is ever perfected).

What do you think?

--V.Nethravathi III-CSE

Wireless Viewfinder Interchangeable Lens

The WVIL represents Artefact's passion for creativity and strategic vision in the camera space. the WVIL camera is not a real product, but a Concept Camera envisioned by Artefact's award-winning design team. It answers the question: "what's next for camera design?" The patent-pending WVIL system takes the connectivity and application platform capabilities of today's smart phones and wirelessly connects them with interchangeable full SLR-quality optics. It is the inevitable solution for photographers who expect the power of modern mobile devices but who also demand uncompromised quality.

BODY
Aluminum and magnesium alloy
Docked display and frame unit Display unit: 127 x 69 x 7.5mm
Frame unit: 164.5 x 76.5 x 28.2 mm

DISPLAY
UNIT5.0" AMOLED display
Viewing area: 110 x 61.9 mm
1920x 1080 pixels
(2,073,600 dots, 16:9)
Cortex-A15 ARM Multi-Core CPU
16GB embedded + microSDHC

CONTINUOUS SHOOTING
BUFFERApproximately 10 fps
20 images (lens detached)
180 images (lens attached)
5 RAW (lens detached)
40 RAW (lens attached)

ANTENNAS
802.11n
GPS
Bluetooth 2.0
WirelessHD

WEIGHT
Body, display unit: 180g
Body, frame unit: 210g
Kit lens: 380g

SENSOR
36 x 24mm Full Frame CMOS
12-bit A/D converter
512MB local cache
6496 x 4872 pixels (31.6 MP)
jpg, RAW
1920 x 1080 24p, 30p, 60i
MOV, H.264, AVCHD formats
Stereo sound

--E.Kaviraj III-CSE

Quad-band

In telecommunications, a multi-band device (including dual-band, tri-band, quad-band and penta-band devices) is a communication device (especially a mobile phone) that supports multiple radio frequency bands. All devices which have more than one channel use multiple frequencies; a band however is a group of frequencies containing many channels. Multiple bands in mobile devices support roaming between different regions where different standards are used for mobile telephone services. Where the bands are widely separated in frequency, parallel transmit and receive signal path circuits must be provided, which increases the cost, complexity and power demand of multi-band devices.

The term quad-band describes a device that supports four frequency bands: 850 and 1900 MHz, mostly used in the Americas (ITU region 2), and the 900 and 1800 MHz bands used elsewhere. Most GSM/UMTS phones support all four bands, while most CDMA/1xRTT phones do not, and so are considered only dual-band devices. A few phones support both of the domestic frequencies but only one foreign one for limited roaming, making them tri-band phones.

--P.S.Saravanakumar III-CSE

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TECH ZEST

Fuel Your Mind

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Top Trends in 2013

Google Glass

Google Glass is a wearable computer with an Optical Head-Mounted Display (OHMD) that is being developed by Google in the Project Glass research and development project. It displays information in a smartphone-like hands-free format that can communicate with the Internet via natural language voice commands. It has the ability to take photos and record 720p HD video.While video is recording, the screen stays on. Google Glass applications are free applications built by third-party developers. Glass also uses many existing Google applications, such as Google Now, Google Maps, Google+, and Gmail.

Fit
Adjustable nosepads and durable frame fits any face.
Extra nosepads in two sizes.

Display
High resolution display is the equivalent of a 25 inch high definition screen from eight feet away.

Battery
One day of typical use. Some features, like video calls and video recording, are more battery intensive.

Charger
Included Micro USB cable and charger.
While there are thousands of Micro USB chargers out there, Glass is designed and tested with the included charger in mind. Use it and preserve long and prosperous Glass use.

Compatibility
Any Bluetooth-capable phone.
The MyGlass companion app requires Android 4.0.3 (Ice Cream Sandwich) or higher.
MyGlass enables GPS and SMS messaging.

Storage
12 GB of usable memory, synced with Google cloud storage.
16 GB Flash total.

Audio
Bone Conduction Transducer

Camera
Photos - 5 MP
Videos - 720p

Connectivity
WiFi - 802.11b/g
Bluetooth

--K.Vasanthakumar III-CSE --E.Kaviraj III-CSE

BUYING A PERSONAL COMPUTER - TIPS

Memory (RAM)

In general, the more memory the better, especially if you are running resource-hogging operating systems or programs (such as Windows). The second recommendation of a minimum of 2GB of memory. Because memory is relatively inexpensive, though, professionals should definitely get the maximum amount of RAM that they can buy, as it will give you the most performance bang for your buck.

Hard Drives

Business users may need less disk space than consumers who save photos, music, and videos to disk; the exception, of course, is if you're a professional working with multimedia or accessing large files like database files. You can still get an external hard drive for extra space, so a drive around 500GB should do for most business purposes. Get a drive that has a 7200rpm spin rate for faster performance.

CD or DVD Drives

Optical drives are becoming less common in laptops, especially the smallest and lightest ones. While consumers may not need a DVD drive any longer because most applications and files can be downloaded or shared online, a DVD writer is more important for professionals, who may still need to send files on disk to clients or install proprietary software from CD.

Video and Displays

Graphics professionals and those in the gaming industry will want to have a discrete video card, essential for video and graphics performance. For regular business tasks, however, an integrated video processor (integrated into the motherboard) should be just fine. Because connectivity is key to remote work, professionals should make sure they have as many network connection options as feasible: fast Ethernet and wireless network cards. If you have Bluetooth headsets or other peripherals such as a PDA that you wish to connect to your system, make sure you get Bluetooth installed as well.

Warranty and Support Plans

While most general consumers can do with a standard 1 year manufacturer's warranty, professionals should look for a warranty of 3 or more years, since you should expect to use your computer for business for about that long. Also, consumer support plans generally require you take the computer to a depot or mail in a laptop for repair; if you don't have a fall-back or second computer that you can use for work, as a professional you should get on-site support -- either same or next day, depending on whether you can tolerate any downtime if your computer breaks.

The Processor

This is the brain of your computer. It can also be referred to as the CPU. Processors come in many different varieties. Processor speed is measured in gigahertz or GHz. The larger the number of GHz the faster the computer. The 3.2 GHz Pentium Dual Core. Processors can also have dual or quad cores.This is essentially two or four processors in one respectively. The more cores the better but they will also be more expensive. We will also see terms like Core Duo, Core 2 Duo, i3, i5, and i7. It is important to know the differences between these options.

Network Card

Every computer should have an Ethernet port on it. This port will allow you to physically connect to the internet or your internal network by plugging it into your router / modem.Normally any machine you will buy now has a Gigabit connection. Gigabit is represented as 100/1000 and there are also 10/100 connections. That number is how many megabits you can transfer per second.

Monitor

Recommended specifications

Screen size	19 to 22 inches
Resolution	Lower than 1,680 x 1,050 pixels
Contrast ratio	At least 700:1
Brightness	At least 250cd/m2
Response time	Less than 8ms
Connectivity	VGA and DVI
Useful extras	Energy-saving modes to reduce power consumption

Printer

Speed - the volume of printout (pages per minute) is essential if you are printing large numbers of documents in black and white Size of the printout - will you be printing on oversized or non-standard paper, heavy card stock, blueprints, transparencies, etc? Then choose a printer whose paper path is no sharper than 90 degrees to allow printing on various types of media without jamming. Photo Quality - Specialty color printers that have photo lab quality are essential if you are looking for a printer that can print high-resolution images on photo paper.

Image processing - Processing images takes a lot of power, so printers often have as much computing horsepower and memory as a PC. Some printers form the complete image in memory prior to printing it, which allows them to handle large files quickly. Compatibility - The newer printers are all USB-compatible, which means they will work for Windows 98/2000/XP/7/8, and with Mac System 8.1 or higher.Warranty - be sure to purchase a printer that includes a manufacturer's and/or store warranty (at least 90 days).

--B.Naveenkumaran , S.Kalaivani III-CSE

☢ The Radio Shack Pocket Computer from 1980 was the first programmable computer to fit in a shirt pocket. ☢

Unknown & non heard shells in Unix

sh: The Bourne shell, or sh, was the default Unix shell of Unix Version 7, and replaced the Thompson shell, whose executable file had the same name, sh.

ash: The Almquist shell (also known as A Shell or ash) was originally Kenneth Almquist's clone of the SVR4-variant of the Bourne shell; it is a fast, small, POSIX-compatible Unix shell designed to replace the Bourne shell in later BSD distributions.

dash: DebianAlmquist shell (dash) is a POSIX-compliant Unix shell, much smaller than bash. It requires less disk space but is also less feature rich.

bash: Bash is a Unix shell written for the GNU Project. The name of the actual executable is bash. Its name is an acronym for Bourne-again shell, a pun on the name of the Bourne shell (sh).

fish: fish is a Unix shell. Its name is an acronym for friendly interactive shell. fish focuses on interactive use, discoverability, and user friendliness. The design goal of fish is to give the user a rich set of powerful features in a way that is easy to discover, remember, and use.

ksh: The Korn shell (ksh) is a Unix shell which was developed by David Korn (AT&T Bell Laboratories) in the early 1980s.

csh: The C shell (csh) is a Unix shell developed by Bill Joy for the BSD Unix system. It was originally derived from the 6th Edition Unix /bin/sh (which was the Thompson shell), the predecessor of the Bourne shell. Its syntax is modeled after the C programming language.

tcsh:tcsh (pronounced "TC-Shell" or "T-shell") is a Unix shell based on and compatible with the C shell (csh). It is essentially the C shell with (programmable) filename completion, command-line editing, and a few other features.

es: The es shell is a command line interpreter that uses a scripting language similar to the rc shell. It is intended to provide a fully functional programming language as a UNIX shell.

rc:rc is the command line interpreter for Version 10 Unix, Plan 9, and Inferno operating systems. It resembles the Bourne shell, but its syntax is somewhat simpler.

scsh: Scsh is a POSIX API layered on top of the Scheme programming language (currently only a Scheme 48 implementation exists, but others are planned) in a manner to make the most of scheme's capability for scripting. It is limited to 32-bit platforms.

sash: Stand-alone shell (sash) is a Unix shell designed for use in recovering from certain types of system failures. The built in commands of sash have all libraries linked statically, so unlike most shells, the standard UNIX commands do not rely on external libraries

zsh: The Z shell (zsh) is a Unix shell that can be used as an interactive login shell and as a powerful command interpreter for shell scripting. Zsh can be thought of as an extended bourne shell with a large number of improvements, including some of the most useful features of bash, ksh, and tcsh.

--E.Kaviraj III-CSE

List of Operating Systems

Android	Mac OS X Leopard	Unix
BackTrack	Mac OS X Mavericks	Windows 2000
Beryl on Fedora 8	Mac OS X Mountain Lion	Windows 7
CentOS	Mac OSX Lion	Windows 8
Cylon Linux	Macintosh OSX	Windows 8.1
Debian	Microsoft Windows 1.0	Windows 95
DOS	Microsoft Windows 3.1	Windows 98
Fedora	Puppy Linux	Windows ME
Free BSD	Raspberry Pi Fedora Remix	Windows RT
Google Chrome OS	Red Hat Linux	Windows Vista
iOS 7	Solaris	Windows XP
Kali Linux	Symbian	Windows XP Professional
Linux Mint	Ubuntu	
Mac OS X	Ubuntu Gnome	

--J.Jayasudha III-CSE

Password protected folder without any software

STEP-1: Create a new folder (Right-click -> New -> Folder) and give it any name of your choice. For instance you name it as HME.

STEP-2: Now place all the important files, documents or any other folder in this folder that you want to password protect.

STEP-3: Now Right-click on this folder (HME) and select the option Send To -> Compressed (zipped) Folder.

STEP-4: Now a new compressed zipped folder gets created next to folder (HME) with the same name.

STEP-5: Double-click on this compressed zipped folder and you should see your original folder (HME) there.

STEP-6: Now go to the File menu and select the option Add a password. i.e.: File -> Add a password

You will get small pop up window here. You can set your desired password. Once the password is set, It will ask for the password every time it is opened. Thus you have now created the password protected folder.

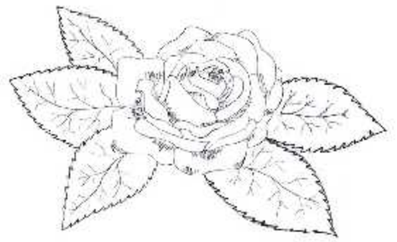
--A.Abdul Rahman III-CSE

Most Secure Operating Systems

OpenBSD
Linux
Mac OS X
Windows Server 2008
Windows Server 2000
Windows Vista
Windows Server 2003
Windows XP
HP-UX 11i
Solaris

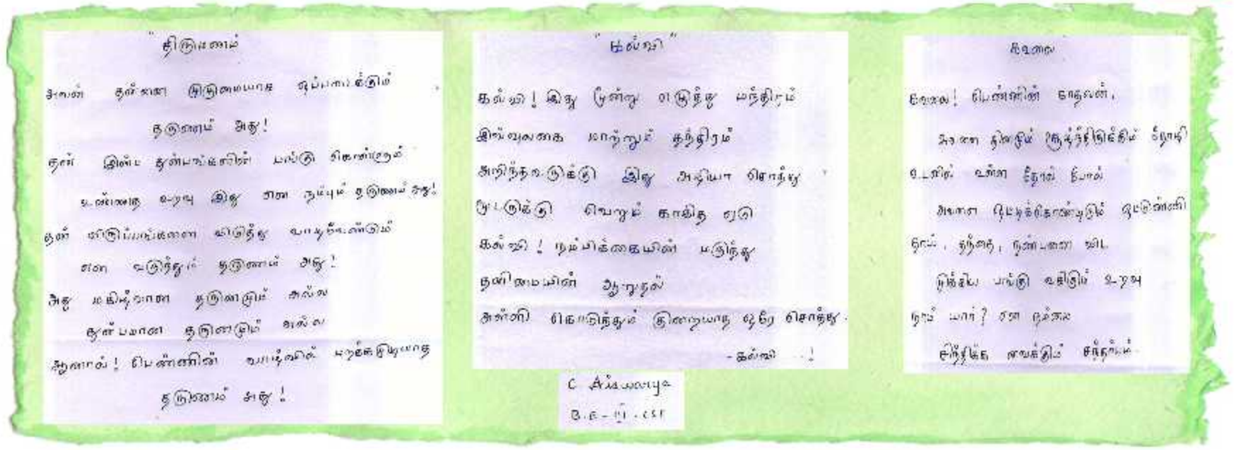
–S.N.Sangavi III-CSE

☢ It took the radio 38 years and the television only 13, but the internet reached 50 million users in only 4 years ☢



K.Sharmila , III - CSE

G.Girija, III - CSE



"திருமணம்"

சகோ தன்னை திருமணமாக ஏற்பதைத்தில்
தடுமாறும் அது!
தான் தின்ற தன்பங்களின் பலது நிகழ்ந்தும்
உண்மை உறவு இது என நம்பும் தடுமாற்று
தன் மிருப்பங்களை விடித்து வாழ்வேண்டும்
என வருந்தும் தடுமாற்று அது!
அது மகிழ்வான தடுமாறும் அல்ல
சுன் பலான தடுமாறும் அல்ல
தூணால்! பெண்ணின் வாழ்வில் மறக்கமுடியாத
தடுமாற்று அது!

"கவிதை"

கவிதை! இது நேற்று மாறுத்த மந்திரம்
இவ்வுலகை மாற்றும் தந்திரம்
அறிந்தவருக்கு இது அடியா மொத்து
புரிந்து வொழுக் காதித ஏடு
கவிதை! நம்பிக்கையின் பருந்து
தனிமையின் ஆறுதல்
அன்பி தொடர்ந்தும் தினமாத ஏடு சொந்து
-கவி ...!

C. சிவலையா
B.E - III - CSE

கவிதை

கவிதை! பெண்ணின் தோழன்,
அவளை நினைத்து ஆயிரமிரம் கதைகள்
உனில் வரை தீராத நீலம்
அவளை ஏடுத்தோன்றுதில் ஏடுமின்னி
ஏன், நீந்தி, நான்தான் விட
நிற்கிய பல்கு வகிடும் உறவு
நான் யார்? என நான்கை
சிந்திக்க வைத்தில் சிந்தனை

--R.S.Revathi Priya III-CSE

USB 3.0

USB 3.0 is the second major revision of the Universal Serial Bus (USB) standard for computer connectivity. First introduced in 2008, USB 3.0 adds a new transfer mode called "SuperSpeed," capable of transferring data at up to 5Gbit/s more than ten times as fast as the 480 Mbit/s top speed of USB 2.0.

Highlights of USB 3.0

- Transfer rates
- Addition of another physical bus
- Power consumption
- More bandwidth
- Improved bus utilization

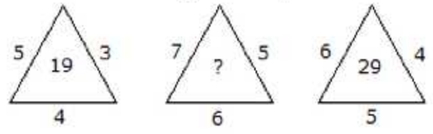
--S.Karthikeyan , System Admin

Most Popular Social Networking

--P.Lavanya III-CSE

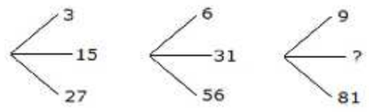
Try This !

1. Which one will replace the question mark ?



A.25 B.37 C.41 D.47

2. Which one will replace the question mark ?



A.45 B.41 C.32 D.40

--V.Sandhiya, III-CSE

Answer:

1. C

Explanation:

(5 x 3) + 4 = 19

and (6 x 4) + 5 = 29

Therefore, (7 x 5) + 6 = 41

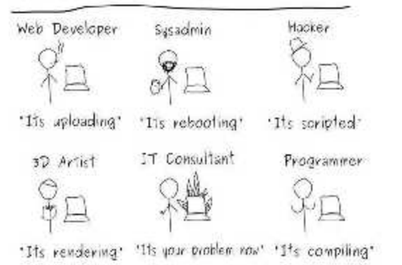
2. A

Explanation:

(15 x 2 - 3) = 27,

(31 x 2 - 6) = 56

and (45 x 2 - 9) = 81



Internet Explorer 11

Internet Explorer 11 and Windows 8.1 let users, developers, and IT professionals experience the state-of-the-art immersive and desktop browsers, enabling the creation and use of next generation web apps, games, and media. Internet Explorer 11 continues our vision of allowing users to experience the web in a fast, fluid and seamless way that is perfect for touch. New and updated features include:
Faster web browsing. Allows network requests to prioritize content, connecting users to information faster than ever before. Plus, with the new SPDY/3 support, Internet Explorer 11 Preview can provide faster and more efficient browsing, even over slow networks.
Fast and fluid navigation. Back swipe feels instant with smarter web page caching, and with prefetch and prerender, many forward navigations (like getting to search results) feel instant as well.
Rich, hyper-fast 2D and 3D experiences. Supports the emerging Web Graphics Library (WebGL) standards, lighting up games and other interactive content, while still maintaining security, reliability, and performance. In addition, the interactive content in Internet Explorer 11 is now hardware-accelerated for DirectX 9 and later, including a software fallback option.
Great on all your screens, large and small. Supports gyroscope input and display orientation lock, making Internet Explorer 11 great for tablets. And, with side-by-side browsing, multi-monitor support, and high pixels per inch (PPI) scaling, Internet Explorer 11 is also great for large screens.
Improved compatibility. Internet Explorer 11 improves compatibility with web standards, other browsers, and real-world websites. There's updated support for popular web standards and changes that prevent older websites from displaying incorrectly.

Features for users

Internet Explorer 11 lets users interact with the next generation of web apps, games, and media, through these key features:
Perfect for touch. Includes enhanced support for consumers using touch-based devices, including touch-based drag-and-drop, hover, and active link highlighting. Grouping together the navigation and tabs provides better control, with support for up to 100 open tabs per window.
Pinned sites. Enhances pinned sites to support Live Tiles, letting your content update dynamically and creating a more personalized Startscreen. Using Live Tiles with Internet Explorer 11 blurs the line, creating an active and seamless experience between apps and web apps.
Seamless integration. Internet Explorer 11 seamlessly integrates with Windows 8.1, enabling new ways to experience websites, including being able to use the Search charm to accelerate web searches.
Syncing across devices. Syncs your open Internet Explorer 11 tabs across multiple devices, so that when you open Internet Explorer on another device, you see the same tabs. You also have the option to sync your browsing history and typed URLs, favorites/bookmarks, user-configured settings, and passwords.
Click to call. Automatically changes phone numbers into clickable links for apps that work with phone numbers, such as Skype.

--R.Prasanth III-CSE

SMART THINGS

The current problem that most devices have is that they function as a standalone being, and it require effort for tech competitors to actually partner with each other and build products that can truly connect with each other. Smart Things is here to make your every device, digital or non-digital, connect together and benefit you.

With Smart Things you can get your smoke alarms, humidity, pressure and vibration sensors to detect changes in your house and alert you through your smartphone! Imagine the possibilities with this.

You could track who's been inside your house, turn on the lights while you're entering a room, shut windows and doors when you leave the house, all with the help of something that only costs $500! Feel like a tech lord in your castle with this marvel.

--C.Aiswarya III-CSE

Quick TIP w3school is one of the best educational websites where users can learn free computer languages. This site provides many useful tools and examples so that users can understand easily any subject. W3schools teaches student HTML, XML ,Javascript , jQuery, SQL , ASP.NET etc free of charge. Users don't need to join or register on the site, just visit the site and start learning easily.

DID YOU KNOW?

'Stewardesses' is the longest word which can be typed with only the left hand. ☢ 'Mosaic' was the first popular web browser released in the year 1993.

FORM 1 - 3D Printer

3D printing is the technology that could forge your digital design into a solid real-life product. Personal 3D printer is definitely a revolutionary idea. Everybody can create their own physical product based on their custom design, and no approval needed from any giant manufacturer! Even the James Bond's Aston Martin which was crashed in the movie was a 3D printed product!

Form 1 is one such personal 3D printer which can be yours at just $2799. It may sound like a high price but to have the luxury of getting producing your own prototypes, that's a reasonable price.Imagine a future where every individual professional has the capability to mass produce their own creative physical products without limitation. This is the future where personal productivity and creativity are maximized.

Form 1 is a Real SL technology. Stereo lithography (SL) is the gold standard for 3D print resolution and surface finish.The Form 1 printer is engineered to produce high resolution parts with the touch of a buttonForm software is intuitive and simple to use so you can spend less time setting up prints and more time designingThe Form Finish post-processing kit keeps your desktop organized so that you can easily put the finishing touches on your masterpieceThe extruded plastic FDM of low end printer is not capable of high resolution but SL is the gold standard for high resolution in the 3D printing world.

--S.Gayathri III-CSE

Erasing Bad Memories Is Now A Reality!

A team of neuroscientists have devised a new form of electroshock therapy, which apparently erases bad memories. The Dutch neuroscientists came up with an electroconvulsive therapy (ECT), which was designed to "target and disrupt patients' memory of a disturbing episode."A group of 42 patients were shown two traumatic narratives in a slideshow and then given the ECT.

The research team asked the patients to recall just one of the narratives by replaying part of the slideshow. Immediately after this exercise the patients were given the electroconvulsive therapy. It was done immediately because this is thought to be the time when the reactivated memory is at its most vulnerable.

A day later, the patients were given a multiple-choice memory test. The results showed that the patients were significantly worse at remembering details from the reactivated story, whereas the other story was easily recalled.

Electroconvulsive therapy is certainly not a pleasant experience, inducing seizures and has become a controversial topic. The patients selected to take part in the tests suffered from severe depression and it is not yet known whether these techniques would work for a patient without the same conditon.

For years scientists have been working on a way to erase bad memories. Last year, they successfully erased memories of sleeping mice and only a few months ago, they identified the gene responsible for helping us forget.Now they have finally managed to find a way of erasing specific unwanted memories. But there is still more work and more research to be done. It is thought that this breakthrough will lead to future treatment of severe depression and post-traumatic distress.

--K.A.S.Preya III-CSE

Keyboard Shortcuts

Internet Explorer navigation

CTRL+B (Open the Organize Favorites dialog box)
CTRL+E (Open the Search bar)
CTRL+F (Start the Find utility)
CTRL+H (Open the History bar)
CTRL+I (Open the Favorites bar)
CTRL+L (Open the Open dialog box)
CTRL+N (Start another instance of the browser with the same Web address)
CTRL+O (Open the Open dialog box, the same as CTRL+L)
CTRL+P (Open the Print dialog box)
CTRL+R (Update the current Web page)
CTRL+W (Close the current window)

Microsoft Natural Keyboard Shortcuts

Win (Display or hide the Start menu)
Win+BREAK (Display the System Properties dialog box)
Win+D (Display the desktop)
Win+M (Minimize all of the windows)
Win+Shift+M (Restore the minimized windows)
Win+E (Open My Computer)
Win+F (Search for a file or a folder)
CTRL+Win+F (Search for computers)
Win+F1 (Display Windows Help)
Win+L (Lock the keyboard)
Win+R (Open the Run dialog box)
Win+U (Open Utility Manager)

--S.Manju Paarkavi III-CSE

Quick TIP Google books is one of the best web portals where users can find millions of useful books free of cost. One of the best services on the internet by Google that is available for free.

DID YOU KNOW?

The Zenith MiniSport (1989) was the only computer to ever use a 2-inch floppy drive. ☢ 20% of online viruses are released by organized crime units.